

Figure 1

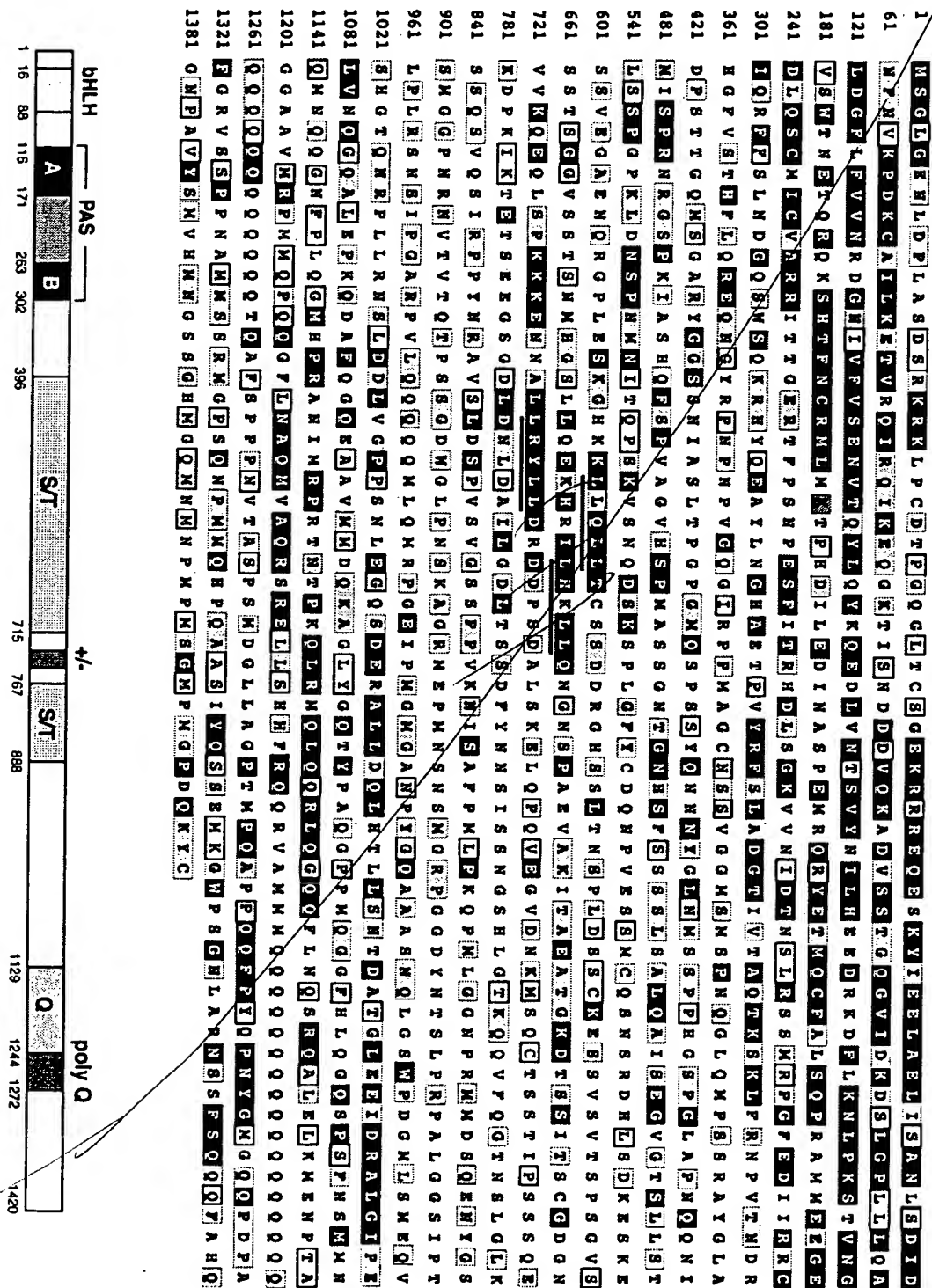


Figure 2

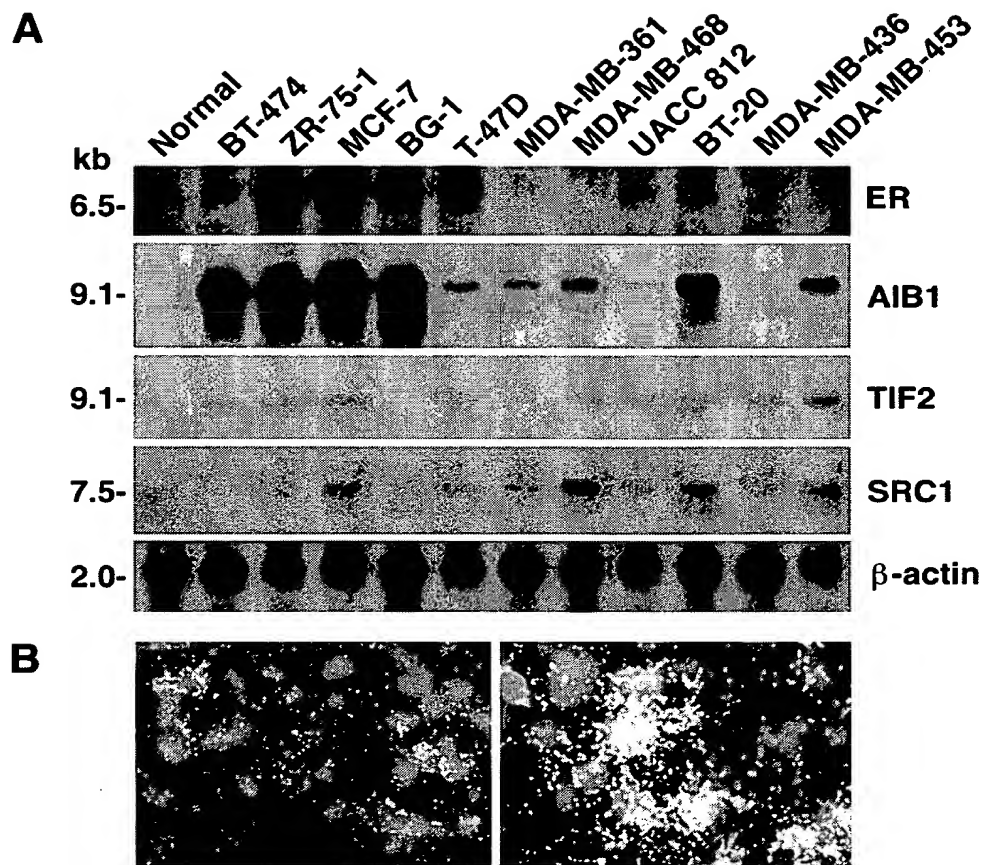


Figure 3

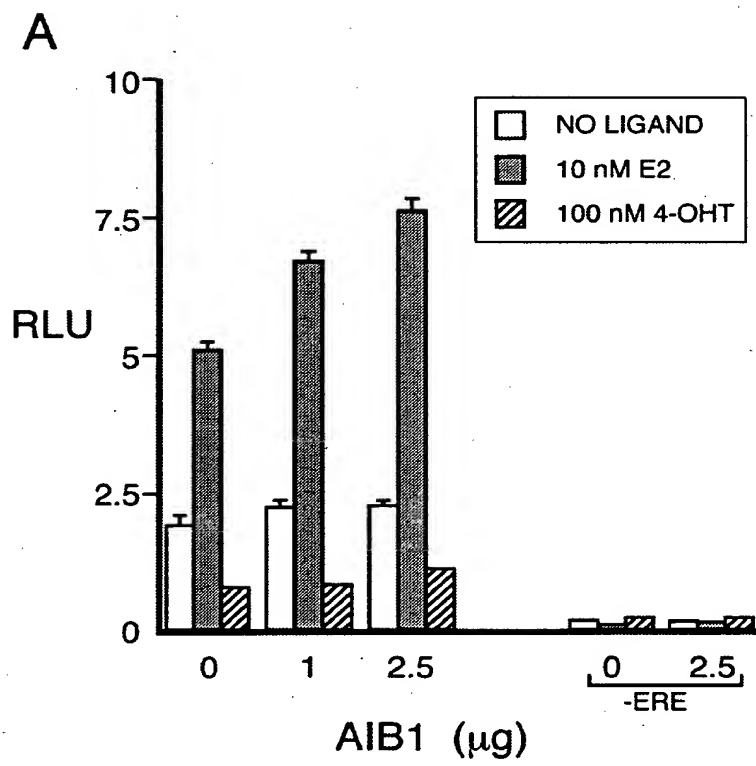


Figure 4

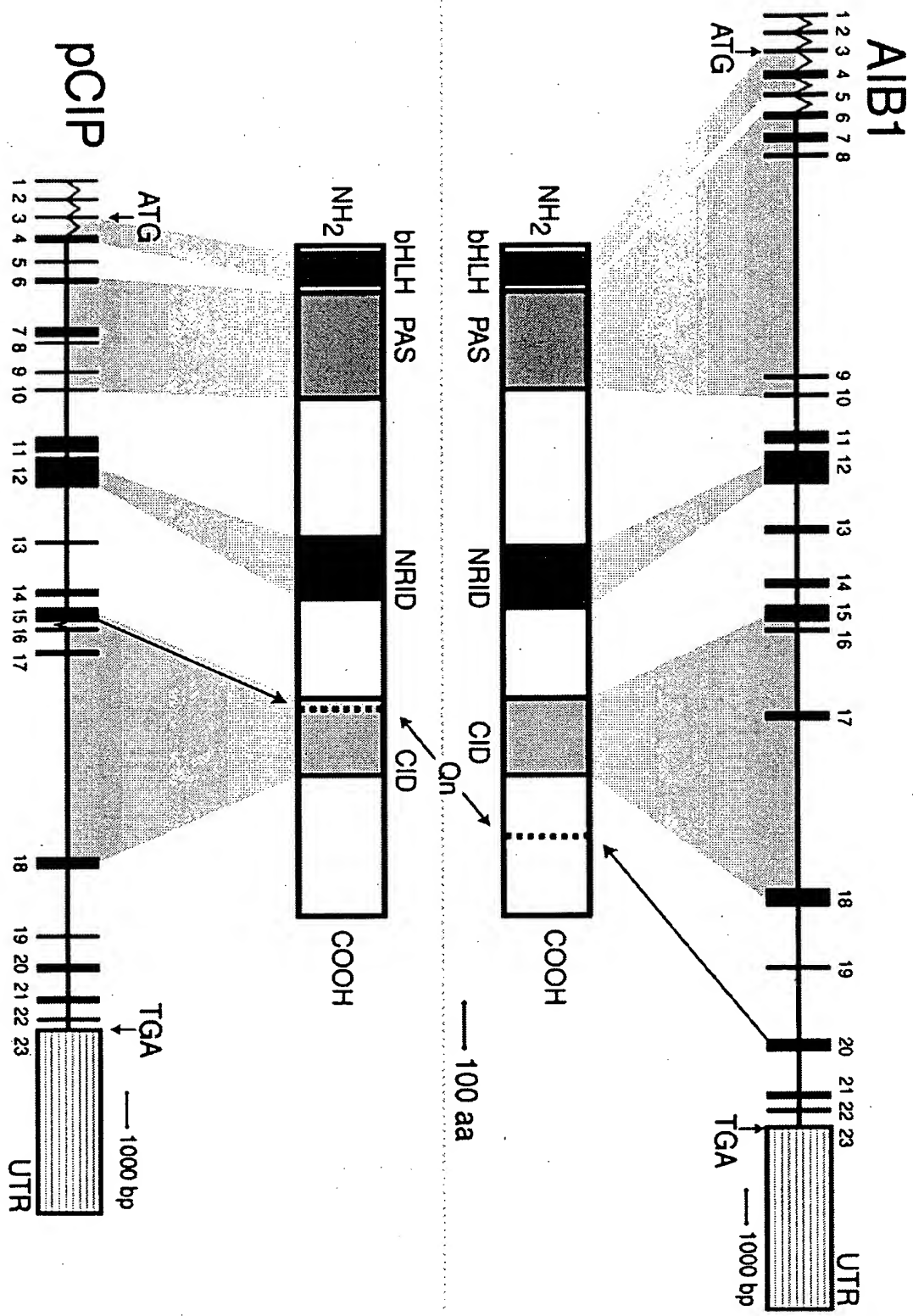


FIGURE 5: MOUSE AIB1 (pCIP) INTRON/EXON BOUNDARIES

cDNA		3'intron		Exon sequence		5'intron	
bp	bp	splice site		(5' to 3')		splice site	
Exon 5'	Exon 3'						
1	11			GGCGCGCAACG			
2	12	GATCAAAAGAATTTGCTGAA		CCTTCCTGAACAGCTGTACG			
2	90			TGATGCCCCAGACAGGG			
3	91	TGTCACCTCTTCTCCGCAG		TTGCTGATCTGTGATCAGGA			
3	195						
4	196	GGCTTTTCTCCGCCCTTCAG		GCTTGCTACAGTGTGAGA			
4	368			ACGGCAATAAAAAGAACAG		GTAACACAGAGTCAGAAAA	
5	369	GCTTCTTCTGTGCTTCAG		GAAAACTAATTTCTAGTGAT			
5	469	ATTACACATTCACACTGTAG		GCACTGGATGGTTTCTGTT		ATTTCTTACAACGAGGCT	
6	470			ACACTTACCAAAATCCACAG		GTGGGCTCTTCTTTGTGTTT	
6	644	TTTTAATTTGTTTCAAG		TTAATGAGTTTCTTGACT			
7	645			TATGCTGGAAGAGGAGAG		GTGAGAGGCGGGCTCCACTGT	
8	831	CTGGTGACCTTTGTTGTAG		ACTTGCACTGCTGTATGATC			
8	923			TACCAGACATGACCTTTCCG		GTAAGACCAGCTTCACTGG	
9	924	TCTGTTTTATCTTAATAG		GAAAGGTTGTCAATATAGAT			
9	1064			GGAAGCGTCACTATCAAGAG		GTGAGGAGGCGTTGGGGT	
10	1065	GTGTGCTTCCCCCTCCGTAG		CTTATGTTTCATGGCCACGCCA			
10	1212			TCGACCCACTTTCTTCAGAG		GTGATGACACTAAAGCACCC	
11	1213	TTGCGTGTGTTTGTTCAG		AGAACAAGAATGATACAGAC			
11	1589			CCAGTCTCTCTGCTGACG		GTATCCACAGCTGCGTTTC	
12	1590	CGACCTTTCTCCATATGCAG		GTGCACACTCACCCATGGGA		GAGGTAAGTACTCTCTGTT	
12	2458			AGACCGAGACGAACGAGAG			
13	2459	TTTAAAGGTTCAATTTTCAG		GTATCGGAGAGACCTGGATAA		GTAAGGAAACACAGAGTTT	
13	2588			TGCAGGACCGAGTCTCTGG			
14	2589	AGCTTCTGTGTTTTCACAG		GTTTGCGAAGTCCACAGCCT		GTAGGTCATGTCTAAGTGTG	
14	2783			GAATTACGGTGCCCAACATGG			

FIGURE 5: MOUSE AIB1 (pcip) INTRON/EXON BOUNDARIES

cDNA bp		3'intron		Exon sequence (5' to 3')		5'intron	
Exon	5'exon	splice site				splice site	
15	2784	15	3095	TGAGCCCTCCCTAATTTAG	GCCCAACAGAAATGTTCTCT	GCAGCAGATGCTTCAATGA	GTAAGCTGTCCCTTCAATA
16	3096	16	3222	ATTTTGATTTGCTCCCCCAG	GAACTGGTGAGATTCCCATG	CCTCACGGGTCTCAAAATAG	GTAGGTTTTATTTGGGAT
17	3223	17	3394	TGACTGACGTCCTCTCTAG	GCCTCTTTAGAAACTCTC	TTCTGAGCTGTGAATCAG	GTGGAGTTGCAATCTGTGAG
18	3395	18	3688	CTTTGTGTTTGATGTTAAG	GGACAAGCTTTGGAGTCCAA	AGAGGCTACAGGGCCAGCAG	GTAAGACCGGGCTGTACAGGG
19	3689	19	3772	ACTAACCCCACTCTGTTAG	TTTTAAATCAGAGCCGGCA	TGAGGCCCATGATGCCCCAG	GTACGTTCCCTGCAGAGAAG
20	3773	20	3989	TGTCCTTGCTACCAGCAG	GCCTTCTTTAATGCCCAAT	TCCATATCCAGCAAAATTAG	GTAACCTGTACAGATTGTGC
21	3990	21	4164	TTTCTGTTCAATTTCTTAAG	GAAATGGACAACCAACAGAG	GGGAACCTGGCCAGGAATGG	GTAAGGATGGGACTTACTTT
22	4165	22	4306	CTGTTACCCCTTTCTTTGAG	CTCCTTCCCCCAGAGCAGT	TGCCCATGGCCCCGATCAG	GTACGGCATCTATTCTTAC
23	4307	23	4622	CTGTGTTCTTCTGTTACAG	AAATACTGTGACATCTCCC		

FIGURE 6: HUMAN AIB1 INTRON/EXON BOUNDARIES

cDNA bp		3'intron		Exon sequence (5' to 3')		5'intron	
Exon	5'exon	splice site				splice site	
1	102			GAGGAAATGGCGCGGGAG	GTGAGTGAGATAAAGGAGG		
2	103	CCTCTCTTTTTGTCTCAG	GATCAAAATACTTGCTGGAT	TCCTTTGACTGGTTAGCCAG	GTAAATCAGCTTTAGTTTGA		
2	181						
3	182	TTCTCATTAATCTCTTAG	TTGCTGATGTAATTCAGA	TGTGATACTCCAGGACAAGG	GTAGGTGACTAATTTCTGG		
3	283						
4	284	TTCTACGCCCTTTCCCTTAG	TCTTACCTGCAGTGGTGAAA	ACGTCAAATAAAGAGCAAG	GTAAATAAAACACTCATGTC		
4	456						
5	457	ACCACCTTCTGTCTTTTCAG	GAAAAACTAATTTCCAATGAT	TAGGACCGCTTTTACTTCAG	GCAAGTATAAAGATTTTAAC		
5	557						
6	558	ATTACATATCCTAATTTTAG	GCAATGGAATGGTTTCTAAT	GAATTTACCAAATCTACAG	GTAGGCTTTTAATGTGTAAT		
6	732						
7	733	TTTCAATTTGTTTTCCAAAG	TTAATGGAATTTCCATGGACA	TATGATGGAGGAAGGGGAAG	GTAAAGAGCTAATATATGTTT		
7	921						
8	922	GGGTGAATTTTTAATTGTAG	ATTTGCAATCTTGATGATC	TACCAGACATGATCTTTCAG	GTAAAAATCTTTTTTTGTCC		
8	1023						
9	1024	TTCTTTTTTTTGTTAATAG	GAAAGGTTGTCAATATAGAT	GAAACGTCATATCAAGAAG	GTAAAGAAATTTGGGGTTGA		
9	1164						
10	1165	TGGGATAATTTCCCAACAG	CTTAATCTTAATGGCCATGCA	TCAACCCACTTCCTTCAGAG	GTAAATGATAGATTACTGTGT		
10	1312						
11	1313	GTTTGATGTTTGTTTGACG	AGAACAGAAATGATATAGAC	TCAGTTTTCTCTGTGTCAG	GTATTTGTGTGACATTTCC		
11	1704						
12	1705	AAATTTTTTTTCAAAATTCAG	GTGTGCACCTCCTCCATGGCA	AGACAGAGACAAGTGAAGAG	GTAAATTTGTTTTCTGTATAT		
12	2576						
13	2577	TTTTAAACTTAATTTTCAG	GGATCTGGAGACTTGATTA	TCAAGAACTAATTTCTCTGG	GTAAAGATGAACTAGGTTTT		
13	2712						

FIGURE 6: HUMAN AIB1 INTRON/EXON BOUNDARIES

Exon	5'exon	3'exon	bp	cDNA		3'intron	splice site	Exon sequence		(5' to 3')	splice site	5'intron	splice site
14	2713	2907		TTGTATTGTTGTTTCAACAG	GTTTGAAAAGTTCACAGTCT			AAATTATGGCTCAAGTATGG	GTAATGTTATTCTTAATTAGT				
14				AGTATGGCTACCTGTTTAAAG	GTGGGCCAAACCGAAATGTG			TCTCATGGCACTCAAAATAG	GTGGGGTGTTATTTTGTGAC				
15	2908	3280		GATTGCAAGTCTTTTCTAG	GCCTCTTCTTAGGAATTCCC			TTCTGAACTTGTCATCAG	GTAAGTTGCATTACATGGA				
15	3281	3452		TTTATGTGTTGTGTTTAAAG	GGACAGGCAITTAGAGCCCAA			AGAGGCTGCAGGGCCAGCAG	GTAACCAATCATGTGTTCTT				
16	3453	3746		ACCAACTTGCTCACCCTCAG	TTTTGAATCAGAGCCGACA			GGCCTATGATGCAGCCCCAG	GTGAGCTCCCAGGTGAGGAT				
17	3747	3839		CACTCTTTCTGGGATTAAAG	CAGSGTTTTCTTAATGCTCA			TCCATATCAACCAAAATTATG	GTAATCTGACCAATGAAAT				
18	3840	4134		TTCTGTTTTATTGTTTGAAG	GAATGGACACAACAACAGAT			GGAAATTTGGCCAGGAAACAG	GTAAGAACAGTGACTTATA				
19	4135	4309		TACCAATTTGTTACTTACAG	CTCCTTTTCCAGCAGCAGT			TGCCTATGGGTCTGATCAG	GTAATGGAATGATTCCTTAC				
20	4310	4450		TTTTTCCTGTTGCTGACAG	AAATACTGCTGACATCTCTG								
21	4451												
22													
(18)													